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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted With Initial Filing

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number	4680 US
First Named Inventor	Paul O. Ramstad
<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,231
Filing Date	September 12, 2003
Art Unit	1743
Examiner Name	To be assigned

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### LOADING FEATURES FOR CHANNEL ARRAY

(Title of the Invention)

the specification of which

is attached hereto

OR

Was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed		Certified Copy Attached?	
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## DECLARATION - Utility or Design Patent Application

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Practitioners at Customer Number  
**OR**

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22896

PATENT TRADEMARK OFFICE



Correspondence address below:



Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

NAME OF SOLE OR FIRST INVENTOR:

A petition has been filed for this unsigned inventor.

Given Name  
(first and middle [if any])

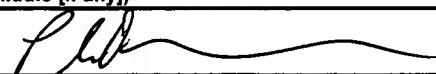
Paul O.

Family Name  
Or Surname

Date

4/20/04

Inventor's  
Signature



Residence: City

San Jose

State

CA

Country

US

Citizenship

US

Mailing Address  
750 Crestmoor Drive

City

San Jose

State

CA

Zip

95129

Country

US

NAME OF SECOND INVENTOR:

A petition has been filed for this unsigned inventor.

Given Name  
(first and middle [if any])

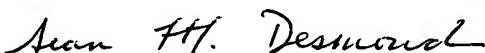
Sean M.

Family Name  
Or Surname

Date

17 MAY 2004

Inventor's  
Signature



Residence: City

San Carlos

State

CA

Country

US

Citizenship

US

Mailing Address  
1939 Birch Avenue

City

San Carlos

State

CA

Zip

94070

Country

US



Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB02A attached hereto.

[Page 2 of 3]

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u> .		
--------------------	---	--	--

<b>Name of Additional Joint Inventor, if any:</b>		<b>Executrix for inventor John Shigeura (DECEASED)</b>		
Given Name (first and middle [if any])		Family Name Or Surname		
Janice G.		Shigeura, Executrix for John S. Shigeura		
Inventor's Signature		Date		
<i>Janice G. Shigeura</i>		6-28-04		
Residence: City	Portola Valley	State	CA	Country
US		Citizenship	US	
Mailing Address				
1021 Los Trancos Road				
City	Portola Valley	State	CA	Zip
			94028	Country
				US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.		
Given Name (first and middle [if any])		Family Name Or Surname		
Richard T.		Reel		
Inventor's Signature		Date		
<i>Richard T. Reel</i>		24 JUNE 2004		
Residence: City	Hayward	State	CA	Country
US		Citizenship	US	
Mailing Address				
21630 Western Boulevard				
City	Hayward	State	CA	Zip
			94541	Country
				US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.		
Given Name (first and middle [if any])		Family Name Or Surname		
Richard		Morris		
Inventor's Signature		Date		
<i>Richard D. Morris</i>		30 June 2004		
Residence: City	San Francisco	State	CA	Country
US		Citizenship	US	
Mailing Address				
289 Nevada Street				
City	San Francisco	State	CA	Zip
			94110	Country
				US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor.		
Given Name (first and middle [if any])		Family Name Or Surname		
Inventor's Signature		Date		
Residence: City		State		Country
				Citizenship
Mailing Address				
City		State		Zip
				Country

[Page 3 of 3]

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/661,231
Filing Date	September 12, 2003
First Named Inventor	Paul O. Ramstad et al.
Group Art Unit	1743
Examiner Name	To be assigned
Attorney Docket Number	4680

I hereby appoint:

 Practitioners at Customer Number

22896

22896

PATENT TRADEMARK OFFICE

OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number.

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 Firm or  
Individual Name

Address

City

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I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Phil N. Makrogiannis, Patent Attorney, Reg. No. 47,766

Date

July 7, 2004

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.\*

\* Total of \_\_\_\_\_ forms are submitted.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Ramstad, Desmond, Shigeura, Reel, MorrisApplication No./Patent No.: 10/661,231 Filed/Issue Date: September 12, 2003Entitled: LOADING FEATURES FOR CHANNEL ARRAY

Applera Corporation, a Corporation  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title and interest; or
2.  an assignee of less than the entire right, title and interest.  
 The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was fax filed July 7, 2004 with the Assignment Division.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

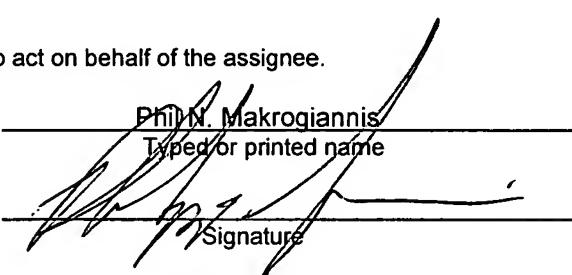
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 7, 2004

Date

Philip Makrogiannis

Typed or printed name

  
SignaturePatent Attorney

Title



**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT AND TRADEMARK MATTERS  
EFFECTIVE THROUGH: December 31, 2006**

I, Paul D. Grossman, as Assistant Secretary of Applera Corporation ("Applera"), hereby authorize the following patent attorneys:

Scott R. Bortner, Reg. No. 34,298  
John W. Burns, Reg. No. 43,520  
Jeffery D. Frazier, Reg. No. 34,601  
Brian D. Gildea, Reg. No. 39,995  
Andrew T. Karnakis, Reg. No. 27,909  
Phil N. Makrogiannis, Reg. No. 47,766  
Vincent M. Powers, Reg. No. 36,246

(1) to act on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark entities, (2) to execute power of attorney documents on behalf of Applera, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of Applera, in any foreign or international patent or trademark applications filed with any foreign and/or international patent or trademark offices, and (3) to execute assignment and ownership documents on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark offices.

Paul Grossman  
Paul D. Grossman  
Assistant Secretary,  
Applera Corporation

3/26/04  
Date

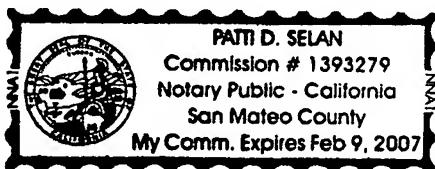
State of California      )  
                            ) ss.  
County of San Mateo    )

On March 26, 2004 before me, Patti D. Selan, personally appeared Paul D. Grossman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patti D. Selan

Notary Public





\* \* \* COMMUNICATION RESULT REPORT ( JUL. 7. 2004 2:11PM ) \* \* \*

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REASON FOR ERROR  
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E-3} NO ANSWERE-2} BUSY  
E-4} NO FACSIMILE CONNECTION

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 Foster City, CA 94404-1128 U.S.A.  
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**United States Patent and Trademark Office**  
**P.O. Box 1450, Alexandria, VA 22313-1450**

**Fax No.:** 703-306-5995**Telephone No.:** 703-308-9723

**From:** **Cheri Gomez for Phil N. Makrogiannis, Reg. No. 47,766**  
**Legal Department**  
**Fax No.:** 650-638-6677  
**Telephone No.:** 650-638-5039  
**Email:** [gomezcn@applera.com](mailto:gomezcn@applera.com)

**Subject:** **U.S. Patent Application No. 10/661,231**  
**Filing Date:** **September 12, 2003**  
**Attorney Docket No.:** **4680**

**No. of pages (including cover sheet):** 8**Message:**

Attached please find a Recordation Form Cover Sheet (in duplicate) and an executed Assignment (6 pages) for the above-identified patent application. Applicants respectfully request a recordation of Assignment and hereby authorize the Commissioner to charge the required fees to Deposit Account No. 01-2213 (Order No. 4680 US).

Please fax return Notice of Recordation confirmation to fax no. 650-638-6677.

Should you have any questions, please feel free to contact me. Thank you.

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